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(54) Title: MODIFIED BIOLOGICAL MATERIAL (57) Abstract A graftable animal cell or tissue of a donor species for use in medicine expresses, or is capable of being caused to express, increased amounts of endogenous complement regulatory molecules for preventing activation of complement in a recipient species. Such tissue or organs are useful for xenotransplantation. Porcine complement regulatory proteins CD59, DAF have been sequenced. Also disclosed are methods of inducing in an animal cell or tissue resistance protection against complement attack.		